

Table H. - Engineering Index Properties

Westmoreland County, Virginia

Absence of an entry indicates that the data were not estimated.

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
1A:												
Ackwater	0-10	Silt Loam	CL-ML	A-4	0	0	95-100	95-100	85-100	65-90	19-26	3-8
	10-70	Clay	CH	A-7-6	0	0	95-100	95-100	85-100	75-95	44-66	22-39
		Silty Clay	CL									
		Silty Clay Loam										
Emporia	---				---	---	---	---	---	---	---	---
Montross	---				---	---	---	---	---	---	---	---
Savannah	---				---	---	---	---	---	---	---	---
1B:												
Ackwater	0-10	Silt Loam	CL-ML	A-4	0	0	95-100	95-100	85-100	65-90	19-26	3-8
	10-70	Clay	CH	A-7-6	0	0	95-100	95-100	85-100	75-95	44-66	22-39
		Silty Clay	CL									
		Silty Clay Loam										
Emporia	---				---	---	---	---	---	---	---	---
Montross	---				---	---	---	---	---	---	---	---
Savannah	---				---	---	---	---	---	---	---	---

2:

Table H. - Engineering Index Properties - Continued

Westmoreland County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
2: Bibb	0-6	Silt Loam Loam Sandy Loam	CL-ML ML SC-SM	A-2-4 A-4	0	0-3	95-100	90-100	55-100	30-90	9-23	NP-6
	6-46	Loamy Sand Silt Loam Loam Sandy Loam	CL-ML ML SC-SM	A-2-4 A-4	0	0-3	95-100	90-100	45-100	15-90	9-23	NP-6
	46-65	Loam Clay Loam Sand Sandy Loam Silt Loam	CL CL-ML ML SC-SM	A-1-b A-2-4 A-4 A-6	0	0-3	95-100	90-100	45-100	5-90	9-43	NP-17
Levy	0-3	Silty Clay Loam	CH CL	A-6 A-7-6	0	0	100	100	95-100	85-95	30-57	11-32
	3-54	Silty Clay Silty Clay Loam Clay	CH CL	A-7-6	0	0	100	100	90-100	75-95	44-66	22-39
	54-60	Muck Silty Clay Loam Silt Loam Sand Silty Clay	CH CL	A-6 A-7-6	0	0	100	100	50-100	5-95	16-66	NP-39
Bohicket	---				---	---	---	---	---	---	---	---
Catpoint	---				---	---	---	---	---	---	---	---
Rappahannock	---				---	---	---	---	---	---	---	---

3:

Table H. - Engineering Index Properties - Continued

Westmoreland County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
3:												
Bohicket	0-8	Silty Clay Loam	CH	A-7	0	0	100	99-100	95-100	85-100	60-100	30-60
	8-44	Clay Loam	CH	A-7	0	0	100	99-100	90-100	70-95	50-100	35-60
		Muck		A-8								
		Mucky Silty Clay										
		Clay										
	44-60	Loamy Sand	CH	A-6	0	0	100	99-100	50-100	15-95	30-100	10-60
		Silty Clay	CL	A-7								
		Muck										
		Mucky Clay										
Rappahannock	---				---	---	---	---	---	---	---	---
4:												
Bojac	0-10	Loamy Fine Sand	SC-SM	A-2-4	0	0	95-100	92-100	50-85	15-45	15-19	NP-3
		Loamy Sand	SM									
	10-54	Sandy Loam	CL	A-2-4	0	0	95-100	92-100	55-95	30-75	22-26	5-8
		Loam	SC-SM	A-4								
		Fine Sandy Loam										
	54-70	Sand	SM	A-1-b	0	0	90-100	80-100	40-75	5-30	13-19	NP-3
		Loamy Sand	SP-SM	A-2-4								
			SW-SM	A-3								
Pamunkey	---				---	---	---	---	---	---	---	---
Tetotum	---				---	---	---	---	---	---	---	---

5B:

Table H. - Engineering Index Properties - Continued

Westmoreland County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
5B:												
Catpoint	0-9	Gravelly Loamy Sand Loamy Sand	SC-SM SM SW-SM	A-1-b A-2-4	0	0	75-100	65-100	35-75	10-30	7-16	NP-2
	9-32	Gravelly Sand Loamy Sand Sand	SC-SM SM SW SW-SM	A-1-b A-2-4 A-3	0	0	75-100	65-100	35-75	3-30	7-16	NP-2
	32-68	Gravelly Sand Sand Very Gravelly Sand	GM GW-GM SM SP-SM SW-SM	A-1-a A-2-4 A-3	0	0-5	25-100	15-100	8-70	1-15	7-16	NP-2
Bojac	---				---	---	---	---	---	---	---	---
Nansemond	---				---	---	---	---	---	---	---	---
Rumford	---				---	---	---	---	---	---	---	---

6B:

Table H. - Engineering Index Properties - Continued

Westmoreland County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
6B:												
Emporia	0-7	Fine Sandy Loam	ML	A-4	0	0	95-100	92-100	65-95	40-75	13-23	NP-6
		Loam	SM									
	7-14	Loam	CL	A-2-4	0	0	95-100	92-100	55-100	30-80	16-38	2-14
		Clay Loam	ML	A-4								
		Sandy Loam	SC	A-6								
		Sandy Clay Loam										
	14-44	Clay	CH	A-2-4	0	0	90-100	80-100	65-100	30-95	26-52	8-22
		Sandy Clay	CL	A-4								
		Clay Loam	ML	A-6								
		Sandy Clay Loam	SC	A-7-6								
	44-65	Sandy Clay Loam	CL	A-2-4	0	0	90-100	80-100	65-100	30-95	26-52	8-22
		Sandy Clay	ML	A-4								
		Clay	SC	A-6								
		Clay Loam	SM	A-7-6								
Kempsville	---				---	---	---	---	---	---	---	---
Suffolk	---				---	---	---	---	---	---	---	---
7A:												
Kempsville	0-8	Fine Sandy Loam	ML	A-4	0	0-2	90-100	85-100	60-95	35-75	12-23	NP-6
		Loam	SM									
	8-32	Fine Sandy Loam	CL	A-4	0	0-2	90-100	85-100	60-95	35-75	23-38	6-14
		Loam	SC	A-6								
		Sandy Clay Loam										
	32-64	Sandy Clay Loam	SC	A-2-4	0	0-2	90-100	85-100	50-90	25-55	12-34	NP-12
		Sandy Loam	SC-SM	A-4								
			SM	A-6								
Emporia	---				---	---	---	---	---	---	---	---
Savannah	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Westmoreland County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
7A:												
Suffolk	---				---	---	---	---	---	---	---	---
7B:												
Kempsville	0-8	Fine Sandy Loam	ML	A-4	0	0-2	90-100	85-100	60-95	35-75	12-23	NP-6
	8-32	Fine Sandy Loam	CL	A-4	0	0-2	90-100	85-100	60-95	35-75	23-38	6-14
		Loam	SC	A-6								
		Sandy Clay Loam										
	32-64	Sandy Clay Loam	SC	A-2-4	0	0-2	90-100	85-100	50-90	25-55	12-34	NP-12
		Sandy Loam	SC-SM	A-4								
			SM	A-6								
Emporia	---				---	---	---	---	---	---	---	---
Savannah	---				---	---	---	---	---	---	---	---
8:												
Leaf	0-7	Loam	CL	A-4	0	0	100	95-100	85-100	60-90	23-34	5-14
		Silt Loam		A-6								
	7-70	Silty Clay	CH	A-7-6	0	0	100	95-100	86-100	71-95	44-66	22-39
		Silty Clay Loam	CL									
		Clay										
Lenoir	---				---	---	---	---	---	---	---	---
Lumbee	---				---	---	---	---	---	---	---	---
Tetotum	---				---	---	---	---	---	---	---	---

9:

Table H. - Engineering Index Properties - Continued

Westmoreland County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
9:												
Lenoir	0-5	Silt Loam	CL-ML ML	A-4	0	0	100	100	90-100	70-90	12-25	NP-7
	5-65	Silty Clay Clay Silty Clay Loam Clay Loam	CH CL ML	A-6 A-7	0	0	100	100	90-100	70-95	38-61	14-27
Leaf	---				---	---	---	---	---	---	---	---
Tetotum	---				---	---	---	---	---	---	---	---
10:												
Lumbee	0-7	Fine Sandy Loam Loam	CL CL-ML ML	A-4	0	0	90-100	80-100	60-95	35-75	16-31	2-10
	7-27	Loam Clay Loam Sandy Loam Sandy Clay Loam	CL SC	A-4 A-6	0	0	90-100	80-100	50-100	25-80	23-38	6-14
	27-60	Sand Loamy Sand Fine Sand	SM SP SP-SM	A-1-b A-2-4 A-3	0	0	90-100	80-100	40-80	4-35	8-16	NP-2
Bibb	---				---	---	---	---	---	---	---	---
Leaf	---				---	---	---	---	---	---	---	---
Nansemond	---				---	---	---	---	---	---	---	---

11A:

Table H. - Engineering Index Properties - Continued

Westmoreland County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
11A:												
Montross	0-11	Loam	CL-ML	A-4	0	0	98-100	95-100	80-100	60-90	12-20	NP-4
		Silt Loam	ML									
	11-21	Silty Clay Loam	CL	A-4	0	0	98-100	95-100	85-100	65-95	25-38	7-14
		Silt Loam		A-6								
	21-75	Clay	CL	A-6	0	0	95-100	92-100	80-100	65-95	31-48	10-20
		Clay Loam	ML	A-7								
		Silty Clay Loam										
Ackwater	---				---	---	---	---	---	---	---	---
11B:												
Montross	0-11	Loam	CL-ML	A-4	0	0	98-100	95-100	80-100	60-90	12-20	NP-4
		Silt Loam	ML									
	11-21	Silty Clay Loam	CL	A-4	0	0	98-100	95-100	85-100	65-95	25-38	7-14
		Silt Loam		A-6								
	21-75	Clay	CL	A-6	0	0	95-100	92-100	80-100	65-95	31-48	10-20
		Clay Loam	ML	A-7								
		Silty Clay Loam										
Ackwater	---				---	---	---	---	---	---	---	---
12:												

Table H. - Engineering Index Properties - Continued

Westmoreland County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
12:												
Nansemond	0-11	Sandy Loam	SC-SM	A-2-4	0	0	100	95-100	60-85	30-55	12-20	NP-4
		Fine Sandy Loam	SM	A-4								
	11-32	Sandy Loam	SC-SM	A-2-4	0	0	100	95-100	60-85	30-55	16-23	2-6
		Fine Sandy Loam	SM	A-4								
	32-36	Loamy Sand	SC-SM	A-1-b	0	0	100	95-100	48-85	15-55	11-18	NP-3
		Loamy Fine Sand	SM	A-2-4								
		Fine Sandy Loam		A-4								
		Sandy Loam										
	36-65	Sand	SC-SM	A-1-b	0	0	95-100	92-100	45-85	5-45	9-18	NP-3
		Loamy Fine Sand	SM	A-2-4								
		Loamy Sand	SP-SM	A-3								
				A-4								
Rumford	---				---	---	---	---	---	---	---	---
State	---				---	---	---	---	---	---	---	---
Tetotum	---				---	---	---	---	---	---	---	---
13:												
Pamunkey	0-17	Fine Sandy Loam	CL	A-2-4	0	0	97-100	95-100	55-95	30-75	16-26	NP-8
		Loam	CL-ML	A-4								
		Sandy Loam	ML									
	17-50	Loam	CL	A-6	0	0	97-100	95-100	65-100	40-80	30-44	11-22
		Clay Loam	SC									
		Sandy Clay Loam										
		Fine Sandy Loam										
	50-64	Stratified Sand To Sandy	SC-SM	A-2-4	0	0	97-100	95-100	50-70	5-40	14-28	NP-10
		Loam	SM	A-3								
		Loamy Sand	SW-SM									
Bojac	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Westmoreland County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
13:												
Tetotum	---				---	---	---	---	---	---	---	---
14:												
Pits	0-10	Sand	SP	A-1	0	0	100	80-100	30-60	0-5	---	NP
			SW	A-3								
	10-60	Sand	SP	A-1	0	0	80-100	50-100	20-60	0-5	---	NP
		Coarse Sand	SW	A-3								
		Gravelly Coarse Sand										
15:												
Rappahannock	0-16	Mucky Peat	PT	A-8	0	0	100	100	90-100	80-100	40-92	NP-11
		Muck										
	16-32	Silty Clay Loam	ML	A-2	0	0	100	100	50-100	15-95	47-76	NP-25
		Stratified Loamy Sand To	SM	A-7-5								
		Silty Clay										
	32-70	Mucky Peat	PT	A-8	0	0	100	100	90-100	80-100	40-92	NP-11
		Muck										
		Moderately Decomposed										
		Plant Material										
Bohicket	---				---	---	---	---	---	---	---	---
Pamunkey	---				---	---	---	---	---	---	---	---

16B:

Table H. - Engineering Index Properties - Continued

Westmoreland County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
16B:												
Rumford	0-8	Loamy Sand	SC-SM	A-2-4	0	0	90-100	80-100	40-85	12-55	12-20	NP-4
		Loamy Fine Sand	SM	A-4								
		Sandy Loam										
		Fine Sandy Loam										
	8-31	Sandy Loam	SC-SM	A-2-4	0	0	90-100	80-100	50-90	25-55	14-23	1-6
		Fine Sandy Loam	SM	A-4								
		Sandy Clay Loam										
	31-60	Fine Sand	SC-SM	A-1-b	0	0	90-100	80-100	40-85	5-55	9-23	NP-6
		Stratified Sand To Fine	SM	A-2-4								
		Sandy Loam		A-3								
				A-4								
Nansemond	---				---	---	---	---	---	---	---	---
State	---				---	---	---	---	---	---	---	---
Tetotum	---				---	---	---	---	---	---	---	---
17E:												
Rumford	0-8	Loamy Sand	SC-SM	A-2-4	0	0	90-100	80-100	40-85	12-55	12-20	NP-4
		Loamy Fine Sand	SM	A-4								
		Sandy Loam										
		Fine Sandy Loam										
	8-31	Sandy Clay Loam	SC-SM	A-2-4	0	0	90-100	80-100	50-90	25-55	14-23	1-6
		Sandy Loam	SM	A-4								
		Fine Sandy Loam										
	31-60	Fine Sand	SC-SM	A-1-b	0	0	90-100	80-100	40-85	5-55	9-23	NP-6
		Stratified Sand To Fine	SM	A-2-4								
		Sandy Loam		A-3								
				A-4								
Ackwater	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Westmoreland County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
17E:												
Bibb	---				---	---	---	---	---	---	---	---
Emporia	---				---	---	---	---	---	---	---	---
Kempsville	---				---	---	---	---	---	---	---	---
18D:												
Rumford	0-8	Loamy Sand	SC-SM	A-2-4	0	0	90-100	80-100	40-85	12-55	12-20	NP-4
		Loamy Fine Sand	SM	A-4								
		Sandy Loam										
	8-31	Fine Sandy Loam										
		Sandy Clay Loam	SC-SM	A-2-4	0	0	90-100	80-100	50-90	25-55	14-23	1-6
		Sandy Loam	SM	A-4								
	31-60	Fine Sandy Loam										
		Fine Sand	SC-SM	A-1-b	0	0	90-100	80-100	40-85	5-55	9-23	NP-6
		Stratified Sand To Fine Sandy Loam	SM	A-2-4 A-3 A-4								
Tetotum	0-16	Fine Sandy Loam	ML	A-2-4	0	0	90-100	80-100	56-95	32-75	16-26	NP-8
		Loam	SM	A-4								
	16-33	Loam	CL	A-6	0	0	90-100	80-100	65-100	30-80	28-44	10-22
		Clay Loam	SC	A-7								
		Sandy Clay Loam										
	33-62	Sandy Loam	CL	A-2-4	0	0	90-100	80-100	50-90	25-55	16-39	NP-18
		Sandy Clay Loam	ML	A-4								
			SC	A-6								
			SM									
Ackwater	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Westmoreland County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
18D:												
Emporia	---				---	---	---	---	---	---	---	---
Kempsville	---				---	---	---	---	---	---	---	---
19A:												
Savannah	0-19	Fine Sandy Loam	CL-ML	A-4	0	0	100	90-100	65-95	35-75	10-21	NP-5
		Loam	ML									
	19-56	Sandy Loam	CL	A-2-4	0	0	98-100	90-100	55-95	30-75	16-36	2-13
		Loam	CL-ML	A-4								
		Sandy Clay Loam	SC	A-6								
	56-66	Sandy Loam	CL	A-2-4	0	0	98-100	90-100	55-100	30-80	23-36	6-13
		Sandy Clay Loam	CL-ML	A-4								
		Clay Loam	SC	A-6								
		Loam										
Kempsville	---				---	---	---	---	---	---	---	---
Suffolk	---				---	---	---	---	---	---	---	---
19B:												
Savannah	0-19	Fine Sandy Loam	CL-ML	A-4	0	0	100	90-100	65-95	35-75	10-21	NP-5
		Loam	ML									
	19-56	Sandy Clay Loam	CL	A-2-4	0	0	98-100	90-100	55-95	30-75	16-36	2-13
		Sandy Loam	CL-ML	A-4								
		Loam	SC	A-6								
	56-66	Sandy Clay Loam	CL	A-2-4	0	0	98-100	90-100	55-100	30-80	23-36	6-13
		Clay Loam	CL-ML	A-4								
		Loam	SC	A-6								
		Sandy Loam										
Kempsville	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Westmoreland County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
19B: Suffolk	---				---	---	---	---	---	---	---	---
20A: State	0-9	Fine Sandy Loam Silt Loam Loam	CL-ML ML SC-SM SM	A-4	0	0	97-100	95-100	66-100	40-90	16-26	NP-8
	9-37	Sandy Loam Sandy Clay Loam Clay Loam Loam	CL SC	A-6	0	0	97-100	95-100	60-100	30-80	28-43	10-21
	37-64	Coarse Sand Stratified Sand To Fine Sandy Loam	SC-SM SM SP-SM	A-1-b A-2-4 A-3 A-4	0	0	90-100	80-100	40-85	5-55	14-26	NP-8
Rumford	---				---	---	---	---	---	---	---	---
Tetotum	---				---	---	---	---	---	---	---	---
20B:												

Table H. - Engineering Index Properties - Continued

Westmoreland County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
20B:												
State	0-9	Fine Sandy Loam Silt Loam Loam	CL-ML ML SC-SM	A-4	0	0	97-100	95-100	66-100	40-90	16-26	NP-8
	9-37	Sandy Loam Sandy Clay Loam Clay Loam Loam	CL SC	A-6	0	0	97-100	95-100	60-100	30-80	28-43	10-21
	37-64	Coarse Sand Stratified Sand To Fine Sandy Loam	SC-SM SM SP-SM	A-1-b A-2-4 A-3 A-4	0	0	90-100	80-100	40-85	5-55	14-26	NP-8
Rumford	---				---	---	---	---	---	---	---	---
Tetotum	---				---	---	---	---	---	---	---	---
21A:												
Suffolk	0-16	Sandy Loam	SC-SM SM	A-2-4 A-4	0	0	90-100	85-100	55-70	25-40	12-23	NP-6
	16-29	Sandy Loam Fine Sandy Loam Clay Loam Sandy Clay Loam	CL SC	A-2-4 A-4 A-6	0	0	90-100	85-100	50-100	25-80	16-38	2-14
	29-57	Loamy Sand Sand Fine Sand	SC-SM SM SP	A-1-b A-2-4 A-3	0	0	90-100	85-100	42-80	4-35	9-16	NP-2
	57-67	Sandy Clay Loam Sandy Loam	SC-SM SM	A-2-4 A-4 A-6	0	0	90-100	85-100	30-90	25-55	16-38	2-14
Emporia	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Westmoreland County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
21A:												
Kempsville	---				---	---	---	---	---	---	---	---
Rumford	---				---	---	---	---	---	---	---	---
Savannah	---				---	---	---	---	---	---	---	---
21B:												
Suffolk	0-16	Sandy Loam	SC-SM	A-2-4	0	0	90-100	85-100	55-70	25-40	12-23	NP-6
			SM	A-4								
	16-29	Sandy Loam	CL	A-2-4	0	0	90-100	85-100	50-100	25-80	16-38	2-14
		Fine Sandy Loam	SC	A-4								
		Clay Loam		A-6								
		Sandy Clay Loam										
	29-57	Loamy Sand	SC-SM	A-1-b	0	0	90-100	85-100	42-80	4-35	9-16	NP-2
		Sand	SM	A-2-4								
		Fine Sand	SP	A-3								
	57-67	Sandy Clay Loam	SC-SM	A-2-4	0	0	90-100	85-100	30-90	25-55	16-38	2-14
		Sandy Loam	SM	A-4								
				A-6								
Emporia	---				---	---	---	---	---	---	---	---
Kempsville	---				---	---	---	---	---	---	---	---
Rumford	---				---	---	---	---	---	---	---	---
Savannah	---				---	---	---	---	---	---	---	---

22A:

Table H. - Engineering Index Properties - Continued

Westmoreland County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
22A:												
Tetotum	0-16	Fine Sandy Loam	ML	A-2-4	0	0	90-100	80-100	56-95	32-75	16-26	NP-8
		Loam	SM	A-4								
	16-33	Sandy Clay Loam	CL	A-6	0	0	90-100	80-100	65-100	30-80	28-44	10-22
		Loam	SC	A-7								
	33-62	Clay Loam										
		Sandy Loam	CL	A-2-4	0	0	90-100	80-100	50-90	25-55	16-39	NP-18
		Sandy Clay Loam	ML	A-4								
			SC	A-6								
			SM									
Lumbee	---				---	---	---	---	---	---	---	---
Nansemond	---				---	---	---	---	---	---	---	---
Rumford	---				---	---	---	---	---	---	---	---
State	---				---	---	---	---	---	---	---	---
22B:												
Tetotum	0-16	Fine Sandy Loam	ML	A-2-4	0	0	90-100	80-100	56-95	32-75	16-26	NP-8
		Loam	SM	A-4								
	16-33	Loam	CL	A-6	0	0	90-100	80-100	65-100	30-80	28-44	10-22
		Clay Loam	SC	A-7								
	33-62	Sandy Clay Loam										
		Sandy Loam	CL	A-2-4	0	0	90-100	80-100	50-90	25-55	16-39	NP-18
		Sandy Clay Loam	ML	A-4								
			SC	A-6								
			SM									
Nansemond	---				---	---	---	---	---	---	---	---
Rumford	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Westmoreland County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
22B:												
State	---				---	---	---	---	---	---	---	---
23A:												
Turbeville	0-14	Fine Sandy Loam Loam	ML	A-4	0	0	90-100	80-100	56-95	35-75	16-24	NP-3
	14-40	Sandy Clay Loam Clay Loam Loam	ML	A-4	0	0	90-100	80-100	70-100	50-80	24-34	3-7
	40-70	Clay Loam Clay Sandy Clay	ML	A-4 A-6 A-7	0	0	90-100	80-100	70-100	35-95	25-49	3-12
Emporia	---				---	---	---	---	---	---	---	---
Kempsville	---				---	---	---	---	---	---	---	---
23B:												
Turbeville	0-14	Fine Sandy Loam Loam	ML	A-4	0	0	90-100	80-100	56-95	35-75	16-24	NP-3
	14-40	Sandy Clay Loam Clay Loam Loam	ML	A-4	0	0	90-100	80-100	70-100	50-80	24-34	3-7
	40-70	Clay Sandy Clay Clay Loam	ML	A-4 A-6 A-7	0	0	90-100	80-100	70-100	35-95	25-49	3-12
Emporia	---				---	---	---	---	---	---	---	---
Kempsville	---				---	---	---	---	---	---	---	---

23C:

Table H. - Engineering Index Properties - Continued

Westmoreland County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
23C:												
Turbeville	0-14	Fine Sandy Loam	ML	A-4	0	0	90-100	80-100	56-95	35-75	16-24	NP-3
	14-40	Clay Loam	ML	A-4	0	0	90-100	80-100	70-100	50-80	24-34	3-7
	40-70	Sandy Clay Loam										
		Clay	ML	A-4	0	0	90-100	80-100	70-100	35-95	25-49	3-12
		Sandy Clay		A-6								
		Clay Loam		A-7								
Emporia	---				---	---	---	---	---	---	---	---
Kempsville	---				---	---	---	---	---	---	---	---
W:												
Water	---				---	---	---	---	---	---	---	---